

ABSTRACT OF THE DISCLOSURE

[0023] A reactor wall for a fluidized-flow gasifier for the gasification of carbon-containing fuels, by-products, and waste materials at elevated temperature and pressure includes, arranged sequentially from an outside surface of the wall to an inside surface of the wall: a pressure shell (2); a water-carrying ring-shaped gap (3); a cooling wall (4); a thermally conductive ramming material (5); a solid layer of slag (6); a liquid film of slag (7); and a gasification chamber (1).